



LC-425/US
PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: :
Weitong Shi, et al. :
Application No.: 09/994,073 : Examiner: NYA
Filed: November 27, 2001 : Group Art Unit: NYA
For: ELASTOMER TOUGHENED :
RADIATION CURABLE :
ADHESIVE : May 16, 2002

Commissioner for Patents
Washington, D.C. 20231

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DECLARATION OF SHABBIR ATTARWALA

Sir:

1. I am employed at Loctite Corporation, 1001 Trout Brook Crossing, Rocky Hill, CT 06067 ("Loctite"), assignee of the subject application.

2. I have been employed at Loctite for 15 years, initially as a Senior Chemist II in the Electronic product development group from 1987-1990, then as a Scientist in the cyanoacrylate product development group from 1990-1994, then as a Senior Scientist in the cyanoacrylate product development group from 1994-1999, and finally from 1999 to the present I was given responsibility to manage the product development efforts of the Maintenance and Repair Operation, Machinery Adhesives and Cyanoacrylate product development groups.

3. Prior to joining Loctite, I was employed at Kollmorgan Corporation from 1985-1987, as a Manager for Coatings and Adhesives Product Development for Electronic Applications.

4. Prior to joining Kollmorgan, I was employed as a research associate and an Adjunct Professor at Polytechnic University, Brooklyn, NY, from where I received my M.S. degree in Organic Chemistry in 1981, M.S. degree in Polymer Chemistry in 1982 and my Ph.D. degree in Chemistry in 1984. Additionally, I received my B.S.c. with Honors in Chemistry and Physics in 1973 from Bombay University, Bombay India.

5. I make this Declaration in support of a property rights statement in this application, in response to a U.S. Patent and Trademark Office Communication mailed April 4, 2002 (Paper No. 2).

6. In my current role at Loctite as Senior Scientist, my duties in managing the various product development efforts are performed in accordance with written policies and procedures at Loctite.

7. I am a co-inventor of the invention embodied in this application.

8. The invention is directed to a radiation curable adhesive composition. The invention includes a) β -olefinically unsaturated ether monomer component consisting of one or more compounds having the formula: $R[O-CH=CHR^1]_n$ where R is an n-valent carbon-linked organic group R^1 is H or monovalent carbon-

linked organic group and n has a value of 1 or more, b) an elastomeric polymer having a tensile strength at break of greater than 1500 psi (10342 kPa), and an elongation at break of greater than 100%, and c) a cationic photoinitiator.

9. The invention was made and conceived while I was employed by Loctite.

10. The invention is related to the work that I am employed to perform at Loctite and was made within the scope of my employment duties.


11. The invention was made during working hours at Loctite and with the use of facilities, equipment, materials, funds, information and services of Loctite.

12. To the best of my knowledge and belief the invention was not made or conceived in the course of, or in connection with, or under the terms of any contract, subcontract or arrangement entered into with or for the benefit of the United States Atomic Energy Commission or its successors: Energy Research and Development Administration or the Department of Energy.

13. To the best of my knowledge and belief, the invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention or the performance of any work under any contract of the National Aeronautics and Space Administration.

14. To the best of my knowledge and belief, I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Dated this 16 day of May 2002


Shabbir Attarwala